

Name Michael Andrew Choti

Appointments

University: Associate Professor
The Johns Hopkins School of Medicine
Department of Surgery

Associate Professor
The Johns Hopkins School of Medicine
Department of Oncology

Hospital: Full-time Staff
The Johns Hopkins Hospital
Department of Surgery

Addresses

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Education and Academic Experience

B.S., University of California, Irvine, California

M.D., Yale University School of Medicine, New Haven,
Connecticut

Intern, General Surgery, Hospital of the University of
Pennsylvania,
Philadelphia, Pennsylvania

Resident, General Surgery, Hospital of the University of
Pennsylvania, Philadelphia, Pennsylvania

Research Fellow, Department of Surgery, University of
Pennsylvania School of Medicine, Philadelphia, Pennsylvania

Fellow, Surgical Oncology, Memorial Sloan-Kettering Cancer
Center,
New York, New York

1992-1999	Assistant Professor of Surgery, The Johns Hopkins School of Medicine, Baltimore, Maryland
1992-	Active Staff, Surgery, The Johns Hopkins Hospital, Baltimore, Maryland
1995-1999	Assistant Professor of Oncology, The Johns Hopkins School of Medicine, Baltimore, Maryland
1996-1997	Medical Director, Outpatient Surgery, The Johns Hopkins Hospital, Baltimore, Maryland
1999-	Associate Professor of Surgery, The Johns Hopkins School of Medicine, Baltimore, Maryland
1999-	Associate Professor of Oncology, The Johns Hopkins School of Medicine, Baltimore, Maryland
2000-2001 University	Business of Medicine, Graduate Certificate, Johns Hopkins
2000-	Business of Medicine, MBA Program, Johns Hopkins University

Teaching Experience

House staff education in surgery

Preceptor- surgical clerkships

Preceptor- 2nd year medical students

Member, Student Advisors Board

Director, Surgical Resident Journal Club (1994-1996)

Lecturer

1992-	Surgical Clerkships, 3rd & 4th year medical students
1992-	Surgical Grand Rounds
1993-1998	Pathophysiology course, 2nd year medical students

Awards and Honors

	President's Undergraduate Fellowship Award
	Cum Laude - University of California
	Phi Beta Kappa- University of California, Irvine
	Yale University Research Fellowship
	Member, Resident Executive Council, University of Pennsylvania
	National Research Science Award for Postdoctoral Training
1992	Clinical Poster Award, Society of Surgical Oncology
1994	Faculty Teaching Award, Johns Hopkins Department of Surgery
1998	National Cancer Prevention Fund, AMC Chesapeake Chapter, Recognition Award
2001	Certificate of Appreciation, American Cancer Society

Certifications

Maryland State Board of Examiners
Advanced Trauma Life Support, Course Instructor
Diplomat National Board of Medical Examiners
American Board of Surgery
Fellow, American College of Surgeons

Membership in Professional Societies

American College of Surgeons
Society of Surgical Oncology
Society of University of Surgeons
American Society of Clinical Oncology
Society for the Surgery of the Alimentary Tract

Southern Surgical Association

American Association for the Study of Liver Diseases

American Hepato-Pancreatico-Biliary Association

Association for Academic Surgery

Ravdin-Rhoads Surgical Society

Baltimore Academy of Surgery

Professional Activities

1994-1995	Member, Medical School Council
1995-1996	Member-at-large, Medical School Council
1995-1999	Member, Performance Improvement Committee Johns Hopkins Department of Surgery
Feb. 16, 1996	Member, Medical Imaging Drugs Advisory Committee, Ad hoc Center for Drug Evaluation and Research, Food & Drug Administration
1996-1997	Surgical Director, Outpatient Surgery Johns Hopkins Hospital
1995-2000	Member, Clinical Research Advisory Committee Johns Hopkins Oncology Center
1995-2000	Member, Clinical Research Review and Monitoring Committee Johns Hopkins Oncology Center
1996-	Director, Johns Hopkins Colon Cancer Center
1997-	Member, Clinical Research, Cancer Control and Epidemiology Committee American Cancer Society, (national study section)
1998-	Member, Johns Hopkins Cancer Committee
1998-	Member, National Comprehensive Cancer Network (NCCN) Colorectal Cancer Panel
1999-	Program Co-Director, Society of Surgical Oncology Fellowship Johns Hopkins Hospital

2000-	Medical Advisory Committee on Colorectal Cancer Maryland Department of Health & Mental Hygiene
2000-	Commission on Cancer, committee member (elected) American College of Surgeons
2001-	Chairman, Johns Hopkins Cancer Committee
2001-	Member, Advisory Committee of Johns Hopkins International, Johns Hopkins Hospital
2002-	Member, General and Plastic Surgery Devices Panel Food and Drug Administration (CDRH)
2002-	Chairman, Clinical Research, Cancer Control and Epidemiology Committee American Cancer Society (national study section)

ARTICLES PUBLISHED IN PROFESSIONAL JOURNALS:

1. Benz C, Schoenberg M, Choti MA, Cadman E. Schedule-dependent cytotoxicity of methotrexate and 5-fluorouracil in human colon and breast tumor cell lines. *J Clin Invest* 1980; 66: 1162-1165.
2. Benz C, Choti MA, Newcomer L, Cadman E. Thymidine enhancement of methotrexate and 5-fluorouracil toxicity in cultured human colon carcinoma. *Cancer Chemother Pharmacol* 1984; 12: 104-110.
3. Choti MA, Markmann JF, Naji A. Purification of dendritic cells from rat bone marrow. *Surg Forum* 1987; 38: 357-359.
4. Brayman KL, Nakamura J, Naji A, Barker CF, Choti MA, Shaw LM. The effect of Phenobarbital and Methylprednisolone on the biotransformation of cyclosporine in the rat. *Transplant Proc* 1988; 20: 533-536.
5. Choti MA, Lenrow D, Roza A, Markmann JF, Naji A. Prolongation of cardiac allograft survival by pretransplant administration of cyclosporine and donor specific dendritic cells. *Transplant Proc* 1989; 21: 478-479.
6. Choti MA, Markmann JF, Kimura H, Naji A. The autologous mixed lymphocyte reaction in autoimmune diabetes. *Surg Forum* 1988; 39: 392-394.
7. Markmann JF, Jacobson JD, Choti MA, Hickey WF, Fox IJ, Silvers WK, Barker CF, Naji A. Modulation of the major histocompatibility complex antigen and the immunogenicity of islet allografts. *Transplantation* 1989; 48: 478-486.
8. Posselt AM, Barker CF, Tomaszewski JE, Markmann JF, Choti MA, Naji A. Induction of donor-specific unresponsiveness by intrathymic islet transplantation. *Science* 1990; 249: 1293-1295.

9. Heath D, Soyer P, Kuszyk BS, Bliss D, Calhoun P, Bluemke DA, Choti MA, Fishman EK. Three-dimensional spiral CT during arterial portography: comparison of three rendering techniques. *Radiographics*. 1995; 15: 1001-1011.
10. Soyer P, Bluemke DA, Choti MA, Fishman EK. Variations in the intrahepatic portions of the hepatic and portal veins: findings on helical CT scans during arterial portography. *Am J Roentgenol* 1995; 164: 103-108.
11. Soyer P, Heath D, Bluemke DA, Choti MA, Kuhlman JE, Reichle R, Fishman EK, Three-dimensional helical CT of intrahepatic venous structures: comparison of three rendering techniques. *J Comput Assist Tomogr* 1996; 20 (1): 122-127.
12. Kuszyk BS, Bluemke DA, Urban BA, Choti MA, Hruban RH, Sitzmann JV, Fishman EK. Portal-phase contrast-enhanced helical CT for the detection of malignant hepatic tumors: sensitivity based comparison with intraoperative and pathologic findings. *Am J Roentgenol* 1996; 166 (1): 91-95.
13. Kuszyk BS, Choti MA, Urban BA, Chambers TP, Bluemke D, Sitzmann JV, Fishman EK. Hepatic tumors treated by cryosurgery: normal CT appearance. *Am J Roentgenol* 1996; 166 (2): 363-368.
14. Chen H, Sitzmann JV, Marcucci C, Choti MA. Acute isovolemic hemodilution during major hepatic resection - an initial report: does it safely reduce blood transfusion requirement? *J Gastrointest Surg* 1997; 1(5): 461-466.
15. Soyer P, Mosnier H, Choti MA, Rymer R. Intraoperative and laparoscopic sonography of the liver. *Eur Radiol* 1997; 7(8):1296-1302.
16. Choti MA, Bowman HM, Pitt HA, Sosa JA, Sitzmann JV, Cameron JL, Gordon TA. Should hepatic resections be performed at high-volume referral centers? *J Gastrointest Surg* 1998; 2(1): 11-20.
17. Sosa JA, Diener-West M, Gusev Y, Choti MA, Lange JR, Dooley WC, Zeiger MA. Association between extent of axillary lymph node dissection and survival in patients with Stage I breast cancer. *Annals Surg Onc* 1998; 5(2): 140-149.
18. Chen H, Pruitt A, Nichol TK, Gorgulu S, Choti MA. Hepatic metastases from leiomyosarcoma: does resection prolong survival? *J Gastrointest Surg* 1998; 2: 151-155.
19. Carducci MA, Choti MA, Maestri NE, Brusilow SW. Allopurinol-induced pyrimidinuria in cancer patients. *In Vivo* 1998; 12: 271-274.
20. Koch WM, Choti MA, Civilek AC, Eisele DW, Saunders JR. Gamma-probe directed biopsy of sentinel node in oral squamous carcinoma. *Arch Otolaryngology Head Neck Surg* 1998; 124: 455-459.

21. Chen H, Hardacre JM, Uzar A, Cameron JL, Choti MA. Isolated liver metastases from neuroendocrine tumors: does resection prolong survival? *J Am Coll Surg* 1998; 187: 88-93.
22. Westra WH, Sturm P, Drilenburg P, Choti MA, Klimstra DS, Albores-Saavedra J, Montag A, Offerhaus GJ, Hruban RH. K-ras oncogene mutations in osteoclast-like giant cell tumors of the pancreas and liver: genetic evidence to support origin from the duct epithelium. *Am J Surg Path* 1998; 22: 1247-54.
23. Tang DG, Bowman HM, Gordon TA, Nurse-Findlay S, Choti MA, Kaufman HS, Bender JS, Harmon JW, Cameron JL. Case volume and outcomes in resection for colorectal carcinoma. *Surg Forum* 1998; Vol.XLIX: 559-561.
24. Gordon TA, Bowman HM, Bass EB, Lillimoe KD, Yeo CJ, Heitmiller RF, Choti MA, Burleyson GP, Cameron JL. Complex gastrointestinal surgery: impact of provider experience on clinical and economic outcomes. *J Am Coll Surg* 1999; 189 (1): 46-56.
25. Harmon JW, Tang DG, Gordon TA, Bowman HM, Choti MA, Kaufman HS, Bender JS, Duncan MD, Magnuson TH, Lillemoe KD, Cameron JL. Hospital volume can serve as a surrogate for surgeon volume in achieving excellent outcomes for colorectal resection. *Ann Surg* 1999; 230:404-411.
26. Suh KW, Lee BH, Choti, MA. Specific immunotherapy using autologous tumor vaccine treats murine metastatic hepatic cancer. *J Korean Cancer Assoc.* 1999; 31(2): 360-366.
27. Suh KW, Yazdi HA, Pardoll DM, Brem H, Choti MA. Treatment of liver metastases from colon carcinoma with autologous tumor vaccine expressing granulocyte macrophage-colony stimulating factor. *J Surg Onc* 1999; 72(4): 218-224.
28. Chen CH, Ji H, Suh KW, Choti MA, Pardoll DM, Wu TC. Gene gun-mediated DNA vaccination induces anti-tumor immunity against human papillomavirus type 16 E7-expressing murine tumor metastases in the liver and lungs. *Gene Therapy* 1999; 6(12): 1972-81.
29. Rodriguez R, Chan D, Bishoff J, Chen R, Kavoussi L, Choti MA, Marshall F. Renal ablative cryosurgery in selected patients with peripheral renal masses. *Urology* 2000; 55(1):25-30.
30. Kuszyk BS, Bluemke DA, Choti MA, Horton KM, Magee CA, Fishman EK. 1999 ARRS Executive Council Award: Contrast enhanced CT of small hypovascular hepatic tumors: effect of lesion enhancement on conspicuity in rabbits. *Am J Roentgenol* 2000; 174(2): 471-475.
31. Lillemoe KD, Petrofski J, Choti MA, Venbrux A, Cameron JL. Isolated right segmental hepatic duct injury: A diagnostic and therapeutic challenge. *J Gastrointest Surg* 2000; 4(2): 168-177.

32. Chan DY, Koniaris LG, Magee C, Ferrell M, Solomon S, Lee BR, Anderson J, Smith DO, Czapski J, DeWesse T, Choti MA, Kavoussi LR. Feasibility of ablating normal renal parenchyma by interstitial photon radiation energy in a canine model. *J Endoscopic Urol.* 2000; 14(2): 111-116.
33. Wilentz RB, Goggins M, Redston, MA, Marcus VA, Sohn TA, Yeo CJ, Choti M, Zahurak M, Johnson K, Tascilar M, Offerhaus GJA, Hruban RH, Kern S. Genetic, immunohistochemical, and clinical features of medullary carcinomas of the pancreas. *Am J Path* 2000; 156(5): 1641-51.
34. Chen CH, Chen H, Suh KW, Ji H, Choti MA, Pardoll DM, Wu TC. Antigen-Specific immunotherapy for human papillomavirus 16 E7-expressing tumors grown in the liver. *J Hepatol* 2000; 33: 91-98.
35. Koniaris LG, Chan DY, Magee C, Solomon SB, Anderson JH, Smith DO, DeWeese T, Kavoussi LR, Choti MA. Focal hepatic ablation using interstitial photon radiation energy in a canine model. *J Am Coll Surg* 2000; 192: 169-174.
36. Yeo CJ, Cameron JL, Lillemoe KD, Sauter PK, Coleman J, Sohn TA, Campbell KA, Choti MA. Does prophylactic octreotide really decrease the rates of pancreatic fistula and other complications following pancreaticoduodenectomy? Results of a prospective randomized placebo-controlled trial. *Ann Surg* 2000; 232 (3):419-429.
37. Kuszyk BS, Boitnott JK, Choti MA, Bluemke DA, Sheth S, , Magee CA, Horton K, Fishman EK. Local tumor recurrence following hepatic cryoablation: radiologic-pathologic correlation in an animal model. *Radiology* 2000; 217(2): 477-86.
38. Benson AB 3rd, Choti MA, Cohen AM, Doroshow JH, Fuchs C, Kiel K, Martin EW Jr, McGinn C, Petrelli NJ, Posey JA, Skibber JM, Venook A, Yeatman TJ. NCCN Practice Guidelines for Colorectal Cancer. *Oncology* (Huntingt). 2000;14(11A):203-12.
39. Bluemke DA, Paulson EK, Choti MA, DeSena S, Clavien PA. Detection of hepatic lesions in candidates for surgery: comparison of ferumoxides-enhanced MR mapping and dual-phase helical CT. *AJR Am J Roentgenol.* 2000; 175(6):1653-8.
40. Zhou W, Galizia G, Lieto E, Goodman SN, Romans KE, Kinzler KW, Vogelstein B, Choti MA, Montgomery EA. Counting alleles reveals a connection between chromosome 18q loss and vascular invasion. *Nat Biotechnol.* 2001; 19(1):78-81.
41. Solomon SB, Koniaris LG, Chan DY, Magee CA, Deweese TL, Kavoussi LR, Choti MA. Temporal CT changes after hepatic and renal interstitial radiotherapy in a canine model. *J Comput Assist Tomography.* 2001; 25(1): 74-80.
42. Van der Wal BCH, Cleffken BI, Gulec, B, Kaufman HS, Choti MA. Results of salvage abdominoperineal resection for recurrent anal carcinoma following combined chemoradiation therapy. *J Gastrointest Surg.* 2001; 5(4):383-387.

43. Hanes J, Sills A, Zhao Z, Suh KW, Tyler B, DiMeco F, Brat DJ, Choti MA, Leong KW, Pardoll DM, Brem H. Controlled local delivery of interleukin-2 by biodegradable polymers protects animals from experimental brain tumors and liver tumors. *Pharm Res*. 2001; 18(7):899-906.
44. Saha S, Bardelli A, Buckhaults P, Velculescu VE, Rago C, St Croix B, Romans KE, Choti MA, Lengauer C, Kinzler KW, Vogelstein B. A phosphatase associated with metastasis of colorectal cancer. *Science*. 2001; 294(5545): 1343-6.
45. Zhou W, Goodman SN, Galizia G, Lieto E, Ferraraccio F, Pignatelli C, Purdie CA, Piris J, Morris R, Harrison DJ, Paty PB, Culliford A, Romans KE, Montgomery EA, Choti MA, Kinzler KW, Vogelstein B. Counting alleles to predict recurrence of early-stage colorectal cancers. *Lancet*. 2002 Jan 19;359(9302): 183-4.
46. Torbenson M, Lee JH, Choti MA, Gage W, Abraham SC, Montgomery E, Boitnott J, Wu TT. Hepatic adenomas: analysis of sex steroid receptor status and the wnt signaling pathway. *Mod Pathol* 2002; 15:189-96.
47. Solomon SB, Bohlman ME, Choti MA. Percutaneous gadolinium injection under MR guidance to mark target for CT-guided radiofrequency ablation. *J Vasc Interv Radiol* 2002 Apr;13(4):419-21.
48. Braga HJV, Choti MA, Lee VS, Paulson EK, Siegelman ES, Bluemke DA. Liver lesions: manganese-enhanced MR and dual-phase helical CT for preoperative detection and characterization-comparison with receiver operating characteristic analysis. *Radiology* 2002; 223:525-531.
49. Geschwind JF, Cleffken B, van der Wal B, Hartnell G, Choti MA. Chemoembolization of liver tumors: effects of embolization material on subsequent vessel patency. *Cardiovasc Interv Radiol* 2001 (In press).
50. Geschwind JF, Dagli M, Morris JM, Choti MA. Treatment of focal nodular hyperplasia with selective transcatheter arterial embolization using iodized oil and polyvinyl alcohol. *Cardiovasc Interv Radiol* 2001 (In press).
51. Choti MA, Stitzmann J, Tiburi MF, Sumetchotimetha W, Rangsin R, Schulick RD, Lillemoe KD, Yeo CL, Cameron JL. Trends in long-term survival following liver resection for hepatic colorectal metastases. *Ann Surg* 2002; 235(6): 759-66.
52. Geschwind JF, Ramse DE, Choti MA, Thuluvath PJ, Huncharek MS. Chemoembolization of hepatocellular carcinoma: results of a meta-analysis. *Am J Clin Onc* (In press).
53. Wilentz RE, Argani P, Choti MA, Montgomery, EA. Neuroepithelial-like differentiation in dedifferentiated liposarcoma: a previously undescribed finding. (Submitted for publication).

54. Geschwind JF, Kaushik S, Ramsey DE, Choti MA, Fishman EK, Kobeiter H. Superselective chemoembolization of liver tumors: influence on liver abscesses in patients with biliary reconstructive surgery. (Submitted for publication).
55. Braga H, Choti MA, Lee V, Paulson E, Siegelman E, Bluemke D. Comparison of mangafodipir trisodium (MnDPDP)-enhanced MRI to dual-phase helical CT prior to liver surgery: receiver operating characteristic analysis. (Submitted for publication).
56. Torbenson M, Wang J, Choti MA, Raheela , Maitra A, Wilentz R. Hepatocellular carcinomas frequently show abnormal expression of fibronectin. (Submitted for publication).
57. Torbenson M, Wang J, Choti MA, Raheela , Maitra A, Wilentz R DPCF over-expression in hepatocellular carcinoma is strongly associated with tgfbeta immunolabeling. (Submitted for publication).
58. Torbenson M, Marinopoulos S, Dang D, Choti MA, Ashfaq R, Maitra A, Boitnott J, Wilentz RE. Smad4 overexpression in hepatocellular carcinoma is strongly associated with tgf-beta immunolabeling. (Submitted for publication).

EDITORIAL REVIEWS AND CHAPTERS:

1. Markmann JF, Brayman KL, Choti MA, Jacobson JD, Barker CF, Naji, A. Pancreatic transplantation in the spontaneously diabetic rodent. In: Morris PJ, Tilney, NL, Eds. Transplantation Reviews, Philadelphia: W.B. Saunders, 1988: 87-105.
2. Choti MA, Shiu MH. Abdominal wall sarcomas. In: Postgrad. Gen. Surg. 1991; 3 (1): 32-35.
3. Choti MA. Molecular and cell biology. In: Savage E, Fishman S, Eds. Scientific Foundations in Surgery, Philadelphia: J.B. Lippincott, 1990.
4. Fetting JH, Choti MA, Paskert JP, Conley BA, Destouet JM, Aygun C, Thant M. Understanding Breast Cancer: The Essential Breast Cancer Reference. Multi-media CD-Rom (ISM, Inc.), 1993.
5. Choti MA. Obstruction of large bowel. In: Cameron J. Current Surgical Therapy, 5th Ed. Philadelphia: Mosby Publishing Co., 1994.
6. Choti MA. Rectal prolapse. In: Cameron J. Current Surgical Therapy, 5th Ed. Philadelphia: Mosby Publishing Co., 1994.
7. Soyer P, Mosnier H, Choti MA. Advanced ultrasound: intraoperative ultrasonography. In: Diagnostic Imaging. Europe, Volume 12, 1996. Choti MA. Surgical anatomy of the liver. In: Johns Hopkins Atlas of Human Functional Anatomy, 4th Ed. 1998.

8. Goldin S, Choti MA. Apocrine carcinoma. In : Miller S, Maloney ME. Cutaneous Oncology, Oxford: Blackwell Science Inc., 1998. Zeh H, Choti MA. Angiosarcoma. In : Miller S, Maloney ME. Cutaneous Oncology, Oxford: Blackwell Science Inc., 1998.
9. Choti MA. Newer techniques in liver surgery. In: Cameron J. Current Surgical Therapy, 6th Ed. Philadelphia: Mosby Publishing Co., 1998.
10. Choti MA, Bulkley GB. Management of metastatic disease. In: Schiff's Diseases of the Liver, 8th Ed. Philadelphia. Lippincott-Raven, 1999.
11. Lyons C, Choti, MA. Breast disease. In: Wallach EE. The Johns Hopkins Manual of Gynecology and Obstetrics, Lippincott, Williams, and Wilkens, 1999.
12. Choti MA, Bulkley GB. Management of hepatic metastases. Liver Transplantation and Surgery 1999; 5(1): 65-80.
13. Choti MA, Abrams RA, O'Reilly S, Osterman FA. Liver and proximal-mid biliary cancer. In: Torosian MH. Integrated Cancer Management: Surgery, Medical Oncology, Radiation Oncology, New York: Marcel Dekker, Inc., 1999.
14. Zeh H, Bowman H, Choti MA, Pitt HA. Hepatobiliary surgery. In Gordon TA and Cameron JL. Evidence-based-surgery. Ontario, Canada. BC Decker Inc., 2000.
15. Ott M, Choti MA. Rectal carcinoma. In Gordon TA and Cameron JL. Evidence-based-surgery. Ontario, Canada. BC Decker Inc., 2000.
16. Nakakura EK, Choti MA. Hepatocellular carcinoma: current management recommendations. *Advances in Onc* 2000;16(2):12-18.
17. Nakakura EK, Choti MA. Management of hepatocellular carcinoma. *Oncology* 2000; 14(7): 1085-1098
18. Choti MA. Commentary: Relating surgical volume to outcomes in hepatic surgery. *J Gastrointest Surg* 2000; 4(4): 353-354.
19. Choti MA. Radiofrequency ablation. *Cancer Journal* 2000; 6 (4): S291-2.
20. Demeester S, Choti MA. Management of colorectal polyps. In Cameron J. Current Surgical Therapy, 7th Ed. , 2001.
21. Becker S, Choti, MA. Breast diseases. In: Wallach EE. The Johns Hopkins Manual of Gynecology and Obstetrics, Lippincott, Williams, and Wilkens, 2001. (in press).
22. Zeh H, Staveland O'Carroll K, Choti MA. Cancer vaccines for colorectal cancer. *Trends in Molecular Medicine* 2001, 7(7):307-313.
23. Sperry J, Choti MA. *Fibrolamellar Carcinoma*. In Medicine.com. Boston Medical Publishing Corp. 2001.

24. Avital S., Choti MA, Rosin D, Rosenthal RJ. *Gastric Sarcoma*. In Medicine.com. Boston Medical Publishing Corp. 2001.
25. Choti MA. Management of hepatic metastatic disease. *Chinese Journal of Practical Surgery* 2002;22:249-252.
26. Choti MA, Bulkley GB. Management of metastatic disease. In Schiff's Diseases of the Liver, 9th Ed. Philadelphia, Mosby Publishing Co. (In press).
27. Choti MA. Surgical management of hepatocellular carcinoma: resection and ablation. *JVIR*. (In press).

INVITED PRESENTATIONS: (excluding local and regional)

March 20, 1995	Chairman and Moderator, Experimental Therapeutics Session American Association Cancer Research (AACR) Toronto Ontario, Canada
September 8, 1997	Multidisciplinary Oncology Seminar Ormond Beach, FL "Update for Colorectal Carcinoma"
October, 1997	American College of Surgeons, Hepatobiliary Postgraduate Course San Francisco, CA "Treatment of Hepatic Metastases: Resectional Therapy"
February 1-4, 1998	Gastroenterology Update Vail, CO 1. "Symposium on Colorectal Cancer: Therapy" 2. "Management of Liver Metastases" 3. "Symposium on Hepatocellular cancer: Treatment Options"
March 5, 1998	Grand Rounds, Jefferson University Hospital Philadelphia, PA "Hepatocellular Carcinoma"
September 5-6, 1998	4 th Annual Hepatobiliary Update Ocean City, MD "Hepatocellular Carcinoma: Surgical Resection"
October 21-22, 1998	Gulane Surgical Symposium, Keynote Speaker Ankara, Turkey "Total Mesorectal Excision for Rectal Cancer" "Surgical Therapy for Hepatic Metastases"

October 27, 1998	American College of Surgeons, Hepatobiliary Postgraduate Course Orlando, FL “Congenital Biliary Abnormalities”
March 30, 1999	Hepatic Surgery Symposium Eastern Shanghai Hepatobiliary Hospital Shanghai, China “Surgical Therapy of Metastatic Colorectal Cancer”
April 12, 1999	Invited Lecturer: National Cancer Institute of Thailand Bangkok, Thailand “Controversies in the Management of Rectal Cancer”
April 17, 1999	Johns Hopkins Singapore Oncology Symposium Singapore, Singapore “Colon Cancer”
May 13, 1999	United Arab Emirates Symposium, Keynote Speaker Abu Dhabi, UAE “A Window into Johns Hopkins Medicine: Cancer Care for the Next Century”
December 6, 1999	National Interventional Ultrasound and Advanced Ultrasound Symposium Beijing, China “Radiofrequency Ablation of Liver Tumors”
December 9, 1999	Second International Symposium on Hepatology Beijing, China “Management of Hepatocellular Carcinoma in the United States”
February 1, 2001	Keystone Symposium Taos, New Mexico “Colorectal Cancer Vaccines”
March 8, 2001	Liver Tumor Symposium Mannheim, Germany “Radiofrequency ablation of liver tumors”
March 26, 2001	Colorectal Cancer Survivors’ Conference Washington, DC “Molecular Biologic Prognostic Factors for Colorectal Cancer”
May 24, 2001	Surgery Grand Rounds, Cedars-Sinai Medical Center

Los Angeles, CA
“Radiofrequency Ablation of Liver Tumors”

April 27, 2002

International Hepatopancreaticobiliary Association
(IHPBA)
2002 Congress, Tokyo, Japan
“Robot Assisted Image Guided Radiofrequency Ablation of
Liver Tumors”

ABSTRACTS and PAPER PRESENTATIONS: (selected)

1. Lee J, Deresta G, Sigurdson E. Effects of Angiotensin II on interstitial hypertension in experimental hepatic colorectal metastases. Proceedings for the American Association for Cancer Research, May 1993.
2. Heath DG, Soyer P, Kuszyk BS, Bluemke DA, Bliss DF, Calhoun P, Choti M, Fishman EK. Three-dimensional spiral CT during arterial photography: comparison of three rendering techniques. Poster exhibit at the 80th Annual Meeting of the Radiological Society of North America in Chicago, Illinois, November 26 – December 2, 1994. Received radiographic invitation.
3. Choti MA, Saenz J, Yang X, Brem H. Interhepatic FUDR-delivered from biodegradable polymer in experimental liver metastases from colorectal carcinoma. American Association for Cancer Research, May 1995.
4. Kuszyk BS, Choti MA, Bluemke DA, Bliss DF, Calhoun PS, Fishman EK. Cryosurgery of primary and metastatic hepatic tumors: principles, techniques, and radiologic imaging. Poster exhibit at the 81st Annual Meeting of the Radiological Society of North America in Chicago, Illinois, November 26 – December 1, 1995.
5. Suh KW, Yazdi HA, Tyler BM, Pardoll DM, Brem H, Choti MA. Treatment of liver metastases from colon carcinoma with autologous tumor vaccine expressing GMCSF. American Association for the Study of Liver Diseases, 1997.
6. Huffmann GR, Uzar A, Gorgulu S, Hoover, Sitzmann JV, Choti MA. Preoperative needle biopsy and long-term outcome of patients undergoing resection for hepatocellular carcinoma. American Association for the Study of Liver Diseases, 1997.
7. Kuszyk BS, Fishman EK, Sitzmann JV, Parkerson S, Choti MA. Hepatic tumors treated by cryosurgery: long term CT appearance. Presented at the 1997 Americas Hepato-Pancreatico-Biliary Congress in Miami, Florida, February 20-23, 1997.
8. Kuszyk BS, Choti MA, Urban BA, Bluemke, DA, Fishman EK. Hepatic metastases from colorectal cancer treated with cryosurgery: CT evaluation of hepatic recurrence. Radiology 1997; 205(P): 506. Presented at the 83rd Annual Meeting of the Radiological Society of North America in Chicago, Illinois, November 30 – December 7, 1997.

9. Abrams RA, Buchbaum JC, Kammer AL, Choti MA. Correlations among stage, pelvic recurrence, and survival following surgery with curative intent for carcinoma of the sigmoid colon: implications for adjuvant therapy. Proceedings American Society of Clinical Oncology, 1998.
10. Hanes J, Suh K, Tyler B, Dimeco S, Brat D, Choti M, Deleong K, Pardoll D, Brem H. Local interleukin-II delivery eradicates brain and liver tumors. Proceed. Int'l Symp. Control. Rel. Bioact. Matir, 1998.
11. Huffman GR, Uzar A, Choti MA. Effect of initial positive margin on the prognosis of patients undergoing liver resection for hepatocellular carcinoma. SSAT, New Orleans, 1998.
12. Kuszyk BS, Choti MA, Bluemke DA, Sheth S, Boitnott JK, Fishman EK. Hepatic tumors treated with cryosurgery: imaging assessment of adequacy of treatment. RSNA, 1998.
13. Kuszyk BS, Choti, MA, Bluemke DA, Sheth S, Boitnott JK, Fishman EK. Imaging of residual tumor following hepatic cryosurgery: radiologic-pathologic correlation in an animal model. RSNA, 1998.
14. Kuszyk BS, Choti, MA, Bluemke DA, Sheth S, Boitnott JK, Fishman EK. Imaging of residual tumor following hepatic cryosurgery: radiologic-pathologic correlation in an animal model. Radiology 1998; 209(P): 175. Presented at the 85th Annual Meeting of the Radiological Society of North America in Chicago, Illinois, November 29 -December 4, 1998.
15. Paulson EK, Bluemke DA, Desena S, Choti MA, Nelson RC, Clavien PA. Detection of liver metastases prior to hepatic resection: prospective comparison of ferumoxide (Feridex) enhanced MR, unenhanced MR, and dual phase spiral CT. RSNA, 1998.
16. Chen CH, Suh KW, Ji H, Choti MA, Huang CC, Pardoll DM, WU TC. Successful antigen-specific immunotherapy for E7 expressing tumor in liver. 17th International Papillomavirus Conference, 1998.
17. Chen CH, Suh KW, Ji H, Choti MA, Huang CC, Pardoll DM, WU TC. Control of HPV-associated malignancies grown in liver with DNA vaccine. 17th International Papillomavirus conference. 1998.
18. Hanes J, Suh KW, Tyler B, Choti MA, Pardoll D, Brem H. Controlled delivery of cytokines for anti-tumor immunotherapy. Annual Meeting of the American Institute of Chemical Engineers, Miami Beach, FL, 1998.
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